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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/509,576	09/29/2004	Kazunori Kataoka	2004-1545A	2488

513 7590 12/26/2007  
WENDEROTH, LIND & PONACK, L.L.P.  
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WASHINGTON, DC 20006-1021

EXAMINER
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HAQ, SHAFIQUL

ART UNIT	PAPER NUMBER
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1641

MAIL DATE	DELIVERY MODE
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12/26/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**UNITED STATES DEPARTMENT OF COMMERCE****U.S. Patent and Trademark Office**

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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
10509576	9/29/2004	KATAOKA ET AL.	2004-1545A

WENDEROTH, LIND & PONACK, L.L.P.  
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**EXAMINER**

Shafiqui Haq

ART UNIT	PAPER
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1641

20071212

**DATE MAILED:**

**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner for Patents**

A supplemental amendment to replace the amendment filed 11/28/07 is attached.

An Initialed copy of IDS filed 4/20/06 is also attached.

***Supplemental Examiner's amendment***

1. This is a supplemental amendment to replace the Examiner's amendment mailed 11/28/07.
2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

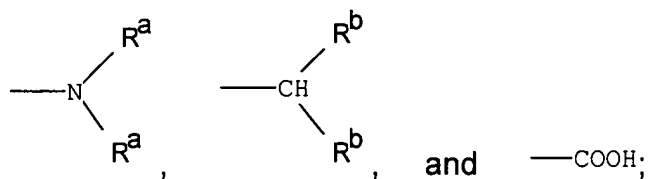
***In Claims***

3. Claims 6 and 7 have been cancelled.
4. Claim 1 has been amended as follows:

In claim 1, after the terms "semiconductor fine particle", replace lines 7-11, with the following:

--X stands for a member forming a biological specific binding pair;

Y stands for a group selected from the group consisting of:



wherein  $\text{R}^a$  each independently stands for hydrogen or  $\text{C}_1\text{-C}_6$  alkyl;  $\text{R}^b$  each independently stands for a  $\text{C}_1\text{-C}_6$  alkyloxy; or the two  $\text{R}^b$ 's together stand for an atomic group forming oxy or an optionally  $\text{C}_1\text{-C}_6$  alkyl-substituted ethylene group;--

In claim 1, line 12, replace the term "linked" with --capable of linking--

In claim 1, line 21, after the phrase "surface to which above (A) particles can bind via X", delete the phrase "wherein X is a residue of a member forming a biological specific binding pair and wherein (B) sensor chip" and replace with the words -- wherein said biosensor chip--.

5. Claim 4 has been amended as follows:

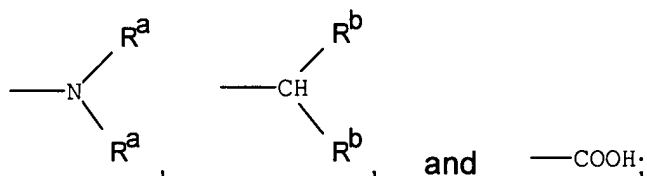
In claim 4, lines 1-2, replace the words "in which L in the structure formula I" with the words --wherein the linker group or the moiety that is capable of linking to PCL--.

6. Claim 10 has been amended as follows:

In claim 10, after the terms "semiconductor fine particle", replace lines 6-10, with the following:

--X stands for a member forming a biological specific binding pair;

Y stands for a group selected from the group consisting of:



Wherein R<sup>a</sup> each independently stands for hydrogen or C<sub>1</sub>-C<sub>6</sub> alkyl; R<sup>b</sup> each independently stands for a C<sub>1</sub>-C<sub>6</sub> alkyloxy; or the two R<sup>b</sup>'s together stand for an atomic group forming oxy or an optionally C<sub>1</sub>-C<sub>6</sub> alkyl-substituted ethylene group;--

In claim 10, line 11, replace the term "linked" with --capable of linking--

In claim 10, lines 18-20, delete the phrase "X being a residue of a member to form a biological specific binding pair, Y being a group other than the residue of the member forming said biological specific binding pair, L standing for a group selected

from the group consisting of" and replace with --wherein the linker group or the moiety that is capable of linking to PLC is selected from the group consisting of--.

7. Claim 11 has been amended as follows:

In claim 11, lines 2-3 delete the words "a residue derived from a substance".

***In specification***

8. Specification (filed 9/29/04) has been amended as follows:

In specification, page 1, following the title, insert the following heading and paragraph:

**RELATED APPLICATIONS**

This is a US national phase filing under 35 U.S.C. § 371 of PCT/JP03/03504 filed March 24, 2003 and claims priority from JP 2002-101134 filed April 03, 2002.

***Conclusion***

9. Claims 1-4 and 8-18, now renumbered as 15 are allowed.

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shafiqul Haq whose telephone number is 571-272-6103. The examiner can normally be reached on 7:30AM-4:00PM.

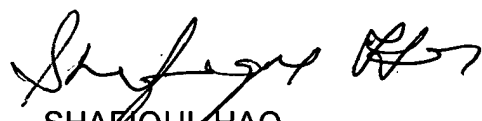
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Long V. Le can be reached on 571-272-0823. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

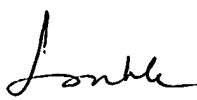
Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for

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10/509,576  
Art Unit: 1641

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published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
SHAFIQUL HAQ  
EXAMINER  
ART UNIT 1641

  
LONG V. LE 12/17/07  
SUPERVISORY PATENT EXAMINER  
ART UNIT 1641